## AbitBezierDevide.txt 功能:求n次贝齐尔曲线p(t)由0<=t1<t2<=1界定的子曲线段的贝齐尔点。 输入参数:maVertex-控制顶点,为受保护成员,n-次数,顶点数n+1由m\_aVertex.GetSize()确定;t1,t2-界定子曲线段的两个参数。 输出参数:m\_rVertex-由0<=t1<t2<=1界定的子曲线段的贝齐尔点 void AbitBezierDevide(double t1,double t2) { int n= m\_aVertex.GetSize(); if(m\_lVertex.GetSize()>0) m\_lVertex.RemoveAll(); if(m\_rVertex.GetSize()>0) m\_rVertex.RemoveAll(); m\_lVertex.SetSize(n); m\_lVertex.SetSize(n); m\_lVertex[0].x=m\_aVertex[0].x; m\_lVertex[0].y=m\_aVertex[0].y; for(int i=0;i<n;i++) { m\_rVertex[i].x=m\_aVertex[i].x; m\_rVertex[i].y=m\_aVertex[i].y; } if((n-1)!=0)

for (int  $i1=1;i1 \le n-1;i1++$ )

m\_rVertex[j].x=m\_rVertex[j].x+int(t1/t2\*double(m\_rVertex[j+1].x-m\_rVertex[j].x));